



## TOUGHBOOK FZ-L1

### THE STYLING YOU WANT WITH THE RELIABILITY YOU NEED

The Panasonic TOUGHBOOK FZ-L1 tablet is a lightweight rugged Android tablet ideal for edge computing and customer-facing mobile workers that need a versatile and cost-effective device. With its 7 inch display and optional barcode reader, it is suitable for a wide range of roles in industries such as retail and hospitality, manufacturing, transportation and logistics.

- Android™ 8.1
- 7" HD enterprise display with glove & rain mode
- 2GB RAM and 16GB flash storage
- Qualcomm® Snapdragon™ CPU
- Optional 4G Data and Voice capability
- Tested to MIL-STD-810G\*
- 1.5 meter drop resistance\*
- IP67 rated\*
- User replaceable battery with warm swap function
- Full work shift battery life
- Enterprise level security and manageability (COMPASS)
- 3 years standard warranty

\* Tested by an independent third party lab following MIL-STD-810G and IEC 60529, Sections 13.4, 13.6.2, 14.2.5 and 14.3

# THE STYLING YOU WANT WITH THE RELIABILITY YOU NEED

## FULLY FEATURED 7" TABLET

Available as Wi-Fi only for inside workers or with optional voice and data capability for field-based workers, the FZ-L1 is slim and lightweight, weighing in at around 440g, but rugged enough to stand up to business needs. The powerful yet energy efficient device is built on the Qualcomm® Snapdragon™ mobile platform to ensure long term Android support. A rich ecosystem of management tools and peripherals are also available.



Mobile Computing Platform	Qualcomm® MSM8909 Quad-core processor, 1.1GHz	
Operating System	Android™ 8.1	
LCD	7" HD (1280 x 720), anti-reflective, daylight viewable	
Touchscreen	10 point multi touch capacitive touchscreen supporting glove and rain mode	
RAM	2 GB	
Storage	16 GB eMMC	
Storage Expansion	Micro SDXC card slot	
Barcode Reader (optional)	1D, 2D Support	
Camera	Rear:	8 MP rear camera with LED light
Bluetooth®	v4.2 Class 1	
WLAN	Qualcomm® WCN3660B (a/b/g/n/d/h/i/r)	
Mobile Broadband (optional)	LTE, HSPA+, UMTS, EDGE, GPRS, GSM (Data and Voice)	
Dedicated GPS	Yes	
NFC	Yes (Supports Type A,B, FeliCa, ISO15693)	
Sound	Mono Speaker and x2 internal microphones	
Interfaces	Micro USB 2.0:	x1 (For charging and data transfer)
	Docking connector:	x1
	Headset jack:	x1
Sensors	Acceleration sensors, ambient light sensor	
Power	Battery:	User replaceable Li-ion 3200 mAh with warm swap function
	Battery operating time:	Full Shift Battery life
	Battery charging time:	With Cradle: Full charge in Approx. 2.5 hours (TBD) With micro USB port: Full charge in Approx. 4 hours (TBD)
	AC Adapter (available as accessory):	USB charger and USB cable (5V 1.8A)
Buttons:	User configurable scan buttons:	(Only with optional barcode reader) x2
	Power on/off button:	x1
	Volume buttons:	x2
Security	ARM® TrustZone®	
Physical Dimensions (WxDxH)	193 mm x 131mm x 13 mm (30mm with barcode reader)	
Weight	Approx. 440g (Wi-Fi & 4G model), 480g (Including barcode reader)	
Accessories	Cradle (Single):	FZ-VEH11AAx
	Five-Bay Cradle:	FZ-VEH5L1AAx
	Five-Bay Charge Only Cradle:	FZ-VCH5L1AAx
	Five-Bay Battery Charger:	FZ-VCBT131x
	USB Charger:	FZ-AAE184Ex
	Adaptor for Cradle:	FZ-VLHL11AAx (Qty. 1); FZ-VLHL15AAx (Qty. 5)
	Adaptor for Charge Only Cradle:	FZ-VAHL11AAx (Qty. 1); FZ-VAHL15AAx (Qty. 5)
	Hand Strap:	FZ-VSTL11U
	Holster:	FZ-VSTL14U
	Protective Film:	FZ-VPFL11U (Qty. 10)
	Passive Stylus Pen:	CF-VNP021U
	Head Set:	FZ-WHPX111
Testing Standards	MIL-STD 810G certified	
	Gravity drop resistance test:	150cm*
	Vibration test:	MIL-STD 810G*
	Dust resistance test:	IP-6X*
	Water resistance test:	IP-X7*
	Operating temperature:	-10°C to +50°C**
	Storage temperature:	-30°C to +70°C**

FZ-L1mk1: 11.09.2018

\* Tested by an independent third party lab following MIL-STD 810G and IEC 60529, Sections 13.4, 13.6.2, 14.2.5 and 14. \*\* Tested at Panasonic factory

DO NOT STARE INTO BARCODE READER'S BEAM. CLASS 2 LASER PRODUCT

Google, Android and other marks are trademarks of Google Inc. The Android robot is reproduced or modified from work created and shared by Google and used according to terms described in the Creative Commons 3.0 Attribution License. All brand names shown are the registered trademarks of the relevant companies. All rights reserved.

Computer Product Solutions (CPS) BU, Panasonic System Communications Company Europe (PSCEU), Panasonic Marketing Europe GmbH, Hagenauer Straße 43, 65203 Wiesbaden, Germany.

**Panasonic**  
BUSINESS

www.toughbook.eu